

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E84772

Participation : CTR

Employer : The Boeing Company

Status : Affected

Worksite : The Boeing Company - Renton Village

Survey Type : Online

Street : 700 S Renton Village Pl Bldg #2

Response Rate : 76%

Jurisdiction : City of Renton

Survey Date : 5/8/2016

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 17.0%

Drive Alone Rate : 83.0%

One-Way VMT per employee : 16.0

Average One-Way distance home to work : 18.8

Employees and Survey Response Information

Reported Total Employees at Worksite : 835

Surveys Distributed : 835

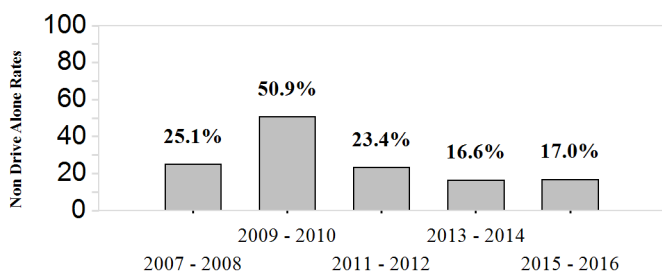
Surveys Returned : 635

Surveys Returned by CTR Affected* Employees : 617

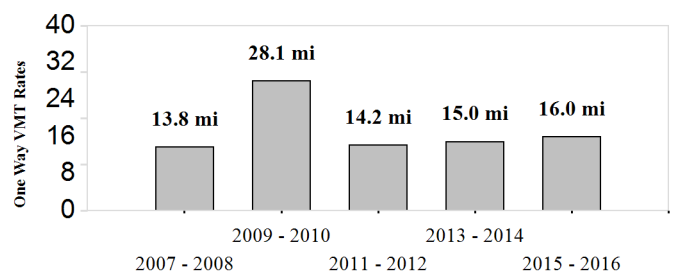
Total Estimated CTR Affected Employees at Worksite : 811

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

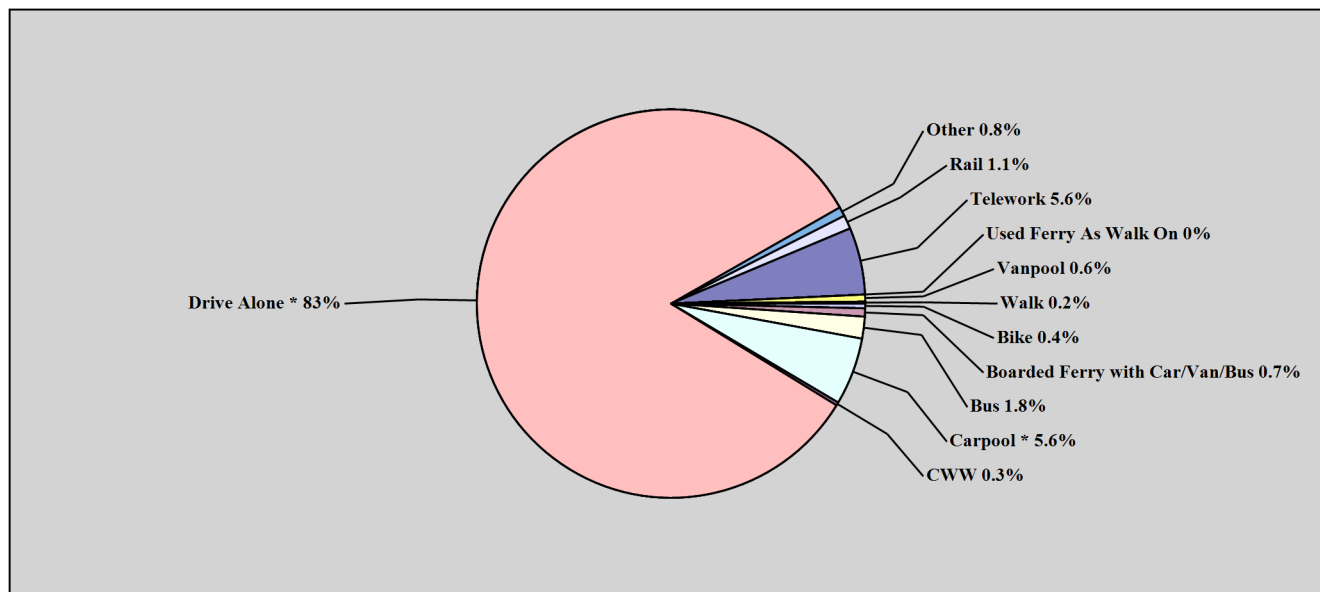
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	25.1%	25.4%	3713	4618	48.8	13.8	13.3
2009 - 2010	26.3%	26.3%	2514	4060	42.9	13.9	13.9
2009 - 2010	24.6%	24.9%	1520	3152	33.3	14.2	14.1
2011 - 2012	23.4%	23.9%	1155	2616	27.6	14.2	14.0
2013 - 2014	16.6%	16.6%	2137	3104	32.8	15.0	14.9
2015 - 2016	17.0%	17.4%	2073	2725	28.8	16.0	15.9
2017 - 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	29.9%				Target:	12.1	
% Point Change Target:	4.8				% Change Target:	-12.3%	
% Point Change from Baseline:	-8.1				% Change from Baseline:	15.9%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



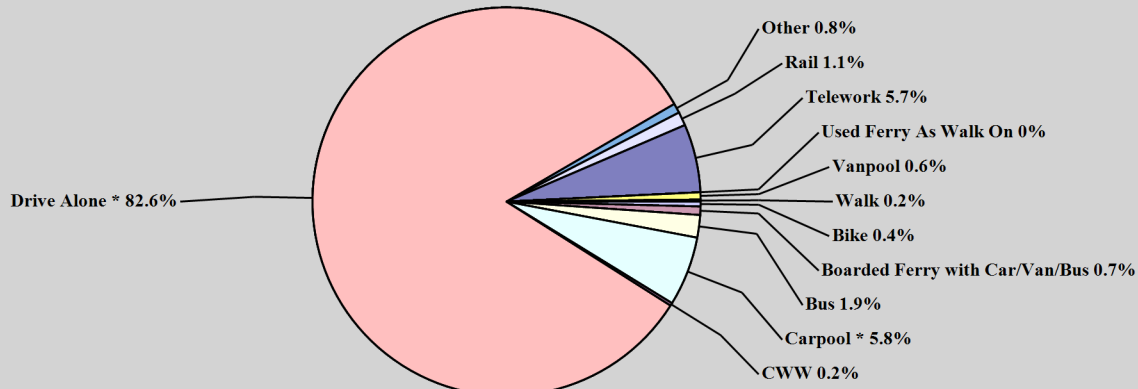
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,555	83.0%	83.4%	571	89.9%	91.8%
Carpool *	173	5.6%	5.1%	48	7.6%	7.0%
Vanpool	18	0.6%	0.6%	5	0.8%	0.9%
Bus	56	1.8%	0.8%	17	2.7%	1.4%
Rail	35	1.1%	1.7%	10	1.6%	2.0%
Bike	12	0.4%	0.2%	6	0.9%	0.6%
Walk	5	0.2%	0.1%	2	0.3%	0.2%
Telework	172	5.6%	6.5%	125	19.7%	18.4%
CWW	8	0.3%	0.4%	8	1.3%	1.7%
Boarded Ferry with Car/Van/Bus	21	0.7%	0.4%	5	0.8%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	24	0.8%	0.9%	10	1.6%	1.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,472	82.6%	83.4%	553	89.6%	92.0%
Carpool *	173	5.8%	4.9%	48	7.8%	6.9%
Vanpool	18	0.6%	0.6%	5	0.8%	0.9%
Bus	56	1.9%	0.8%	17	2.8%	1.4%
Rail	34	1.1%	1.7%	9	1.5%	2.0%
Bike	12	0.4%	0.2%	6	1.0%	0.6%
Walk	5	0.2%	0.1%	2	0.3%	0.2%
Telework	170	5.7%	6.6%	123	19.9%	18.6%
CWW	7	0.2%	0.4%	7	1.1%	1.6%
Boarded Ferry with Car/Van/Bus	21	0.7%	0.4%	5	0.8%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	24	0.8%	0.9%	10	1.6%	1.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	428	67%	635	100%
1 Days	86	14%	207	33%
2 Days	40	6%	121	19%
3 Days	17	3%	81	13%
4 Days	18	3%	64	10%
5 Days	42	7%	46	7%
6 or More Days	4	1%	4	1%

Count by Occupancy of Carpools and Vanpools

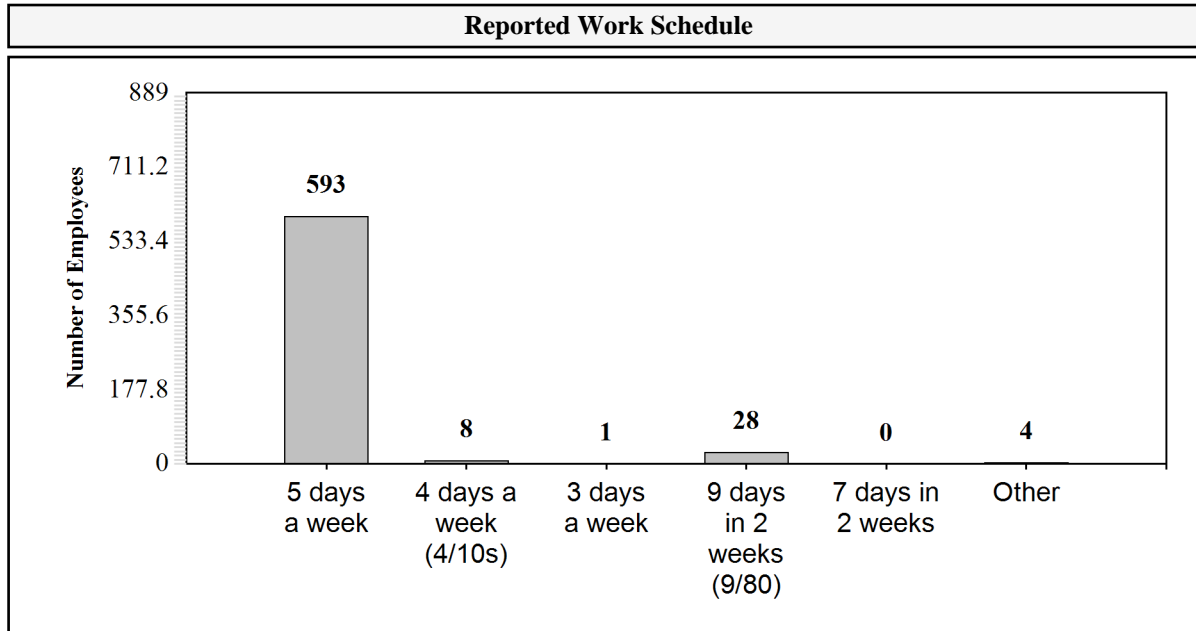
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	146
3	Carpool	13
4	Carpool	14
5	Carpool	0
>5	Carpool	0
<5	Vanpool	4
5	Vanpool	8
6	Vanpool	3
7	Vanpool	0
8	Vanpool	3
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

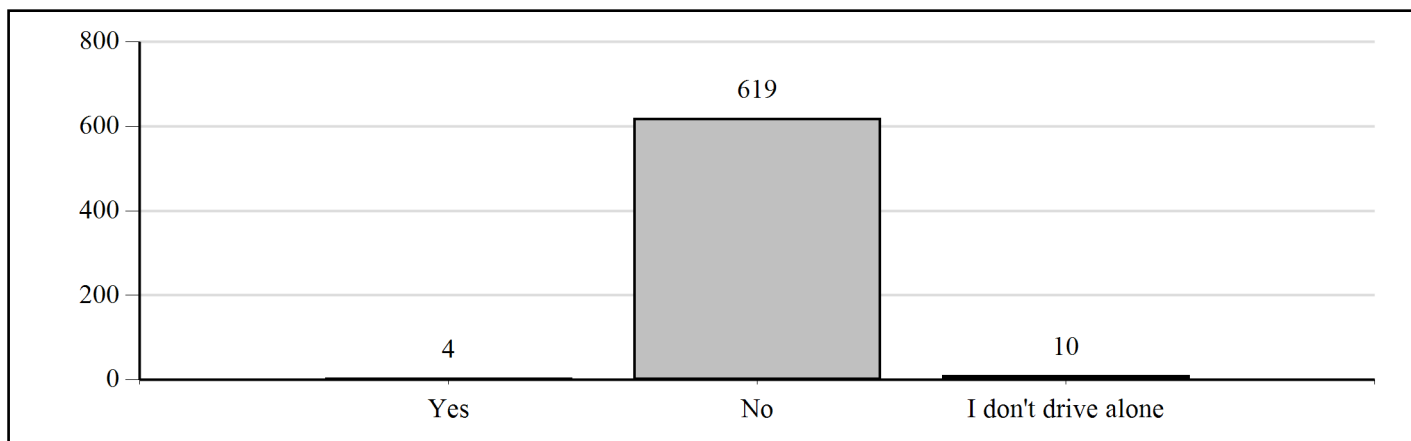
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	593	93.5%
4 days a week (4/10s)	8	1.3%
3 days a week	1	0.2%
9 days in 2 weeks (9/80)	28	4.4%
7 days in 2 weeks	0	0%
Other	4	0.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.2%
I don't telework	211	33.2%
Occasionally, on an as-needed basis	257	40.5%
1-2 days/month	38	6.0%
1 day/week	97	15.3%
2 days/week	26	4.1%
3 days/week	5	0.8%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	237	19.4%
To save time using the HOV lane	176	14.4%
To save money	163	13.3%
Personal health or well-being	132	10.8%
Other	105	8.6%
Environmental and community benefits	104	8.5%
Free or subsidized bus, train, vanpool pass or fare benefit	76	6.2%
Financial incentives for carpooling, bicycling or walking.	69	5.6%
Driving myself is not an option	57	4.7%
Cost of parking or lack of parking	50	4.1%
Emergency ride home is provided	35	2.9%
Preferred/reserved carpool/vanpool parking is provided	13	1.1%
I receive a financial incentive for giving up my parking space	6	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	458	28.5%
I like the convenience of having my car	413	25.7%
Family care or similar obligations	209	13.0%
Other	138	8.6%
My job requires me to use my car for work	137	8.5%
My commute distance is too short	131	8.2%
Bicycling or walking isn't safe	74	4.6%
I need more information on alternative modes	37	2.3%
There isn't any secure or covered bicycle parking	8	0.5%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98058	37	5.83%	146	10	0	3	0	0	2	4	10	1	0	0	1
98042	28	4.41%	113	5	0	1	0	0	3	0	6	1	0	0	0
98059	27	4.25%	120	0	0	1	0	0	0	0	8	0	0	0	0
98092	27	4.25%	106	8	0	0	0	0	0	1	16	0	0	0	0
98056	22	3.46%	94	5	0	0	5	0	0	0	7	0	0	0	0
98038	20	3.15%	89	4	0	0	0	0	0	0	8	0	0	0	0
98006	19	2.99%	82	4	0	0	0	0	1	0	4	1	0	0	2
98055	15	2.36%	63	10	0	0	0	0	0	0	1	0	0	0	0
98029	13	2.05%	62	0	0	0	0	0	0	0	2	0	0	0	0
98027	12	1.89%	51	0	0	0	0	0	0	0	5	1	0	0	0
98030	12	1.89%	43	9	0	0	3	0	0	0	5	0	0	0	0
98033	11	1.73%	49	0	0	0	0	0	0	0	8	0	0	0	0
98116	11	1.73%	54	0	0	0	0	0	0	0	1	1	0	0	0
98001	10	1.57%	40	2	0	0	0	0	2	0	3	1	0	0	0
98034	10	1.57%	44	0	0	5	0	0	0	0	1	0	0	0	0
98075	10	1.57%	43	0	0	0	0	0	0	0	0	1	0	0	0
98391	10	1.57%	35	4	0	0	0	0	0	0	4	0	0	0	0
98023	9	1.42%	33	5	0	0	0	0	0	0	4	0	0	0	0
98074	9	1.42%	41	0	0	0	0	0	0	0	4	0	0	0	0
98198	9	1.42%	40	0	0	0	0	0	0	0	0	0	0	0	5
98374	9	1.42%	34	4	0	0	0	3	0	0	4	0	0	0	0
98031	8	1.26%	36	0	0	0	0	0	0	0	2	0	0	0	0
98032	8	1.26%	37	0	0	0	0	0	0	0	3	0	0	0	0
98052	8	1.26%	31	3	0	0	4	0	0	0	2	0	0	0	2
98057	8	1.26%	39	0	0	0	1	0	1	0	0	0	0	0	0
98103	8	1.26%	26	0	7	0	5	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98004	7	1.10%	25	9	0	0	0	0	0	0	0	0	0	0	0
98053	7	1.10%	29	0	0	0	0	0	0	0	4	0	0	0	0
98105	7	1.10%	26	7	0	0	0	0	0	0	1	0	0	0	0
98115	7	1.10%	29	0	3	0	0	0	0	0	2	0	0	0	0
98148	7	1.10%	35	0	0	0	0	0	0	0	0	0	0	0	2
98003	6	0.94%	21	6	0	0	0	0	0	0	0	0	0	0	0
98012	6	0.94%	12	17	0	0	2	0	0	0	1	0	0	0	0
98036	6	0.94%	24	4	0	0	0	0	0	0	1	0	0	0	0
98040	6	0.94%	24	0	0	5	0	0	0	0	2	0	0	0	0
98122	6	0.94%	18	9	0	0	0	0	0	0	3	0	0	0	0
98126	6	0.94%	23	0	0	0	5	0	0	0	0	0	0	0	1
98119	5	0.79%	20	4	0	0	0	0	0	0	1	0	0	0	0
98166	5	0.79%	24	0	0	0	0	0	0	0	1	0	0	0	0
98178	5	0.79%	24	0	0	0	0	0	0	0	0	0	0	0	0
98321	5	0.79%	20	0	0	1	0	4	0	0	0	0	0	0	0
98422	5	0.79%	25	0	0	0	0	0	0	0	0	0	0	0	0
98008	4	0.63%	15	0	0	1	0	0	0	0	1	0	0	0	0
98022	4	0.63%	20	0	0	0	0	0	0	0	0	0	0	0	0
98026	4	0.63%	13	0	0	0	4	0	0	0	0	0	0	0	0
98028	4	0.63%	13	4	0	0	0	0	0	0	3	0	0	0	0
98107	4	0.63%	15	0	0	0	5	0	0	0	0	0	0	0	0
98146	4	0.63%	20	0	0	0	0	0	0	0	0	0	0	0	0
98366	4	0.63%	11	0	5	0	0	0	0	0	0	1	3	0	0
98372	4	0.63%	20	0	0	0	0	0	0	0	0	0	0	0	0
98387	4	0.63%	8	0	0	0	0	4	0	0	3	0	0	0	1
98002	3	0.47%	9	5	0	0	0	0	0	0	0	0	0	0	0
98007	3	0.47%	12	0	0	0	3	0	0	0	0	0	0	0	0
98020	3	0.47%	15	0	0	0	0	0	0	0	0	0	0	0	0
98065	3	0.47%	8	5	0	0	2	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98087	3	0.47%	12	0	0	0	1	0	0	0	2	0	0	0	0
98102	3	0.47%	15	0	0	0	0	0	0	0	0	0	0	0	0
98109	3	0.47%	14	0	0	0	0	0	0	0	1	0	0	0	0
98117	3	0.47%	10	0	0	0	0	0	0	0	2	0	0	0	0
98125	3	0.47%	16	0	0	0	0	0	0	0	0	0	0	0	0
98136	3	0.47%	15	0	0	0	0	0	0	0	0	0	0	0	0
98144	3	0.47%	11	2	0	0	2	0	0	0	0	0	0	0	0
98188	3	0.47%	15	0	0	0	0	0	0	0	0	0	0	0	0
98332	3	0.47%	6	0	0	0	0	5	0	0	0	0	0	0	0
98335	3	0.47%	14	0	0	0	0	0	0	0	1	0	0	0	0
98338	3	0.47%	10	0	0	0	0	5	0	0	0	0	0	0	0
98371	3	0.47%	7	0	0	0	0	0	0	0	1	0	0	0	2
98375	3	0.47%	9	0	0	0	0	5	0	0	1	0	0	0	0
98407	3	0.47%	8	0	0	0	0	0	0	0	2	0	0	0	0
98005	2	0.31%	9	0	0	0	0	0	0	0	0	0	0	0	0
98021	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98037	2	0.31%	9	0	0	0	0	0	0	0	1	0	0	0	0
98077	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98104	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98110	2	0.31%	0	0	0	0	0	0	0	0	0	0	10	0	0
98133	2	0.31%	5	0	0	0	3	0	0	0	1	0	0	0	0
98168	2	0.31%	7	0	0	0	0	0	0	0	2	0	0	0	0
98201	2	0.31%	2	0	0	0	0	1	0	0	2	0	0	0	7
98203	2	0.31%	3	0	0	0	0	4	0	0	2	0	0	0	0
98208	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98258	2	0.31%	5	4	0	0	0	0	0	0	1	0	0	0	0
98329	2	0.31%	9	0	0	0	0	0	0	0	0	0	0	0	0
98390	2	0.31%	7	0	0	0	0	0	0	0	1	0	0	0	0
98404	2	0.31%	6	5	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98424	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98444	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98466	2	0.31%	8	2	0	0	0	0	0	0	0	0	0	0	0
98498	2	0.31%	5	5	0	0	0	0	0	0	0	0	0	0	0
	1	0.16%	3	0	0	0	0	0	0	0	0	0	0	0	0
68058	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.16%	2	0	0	0	2	0	0	0	1	0	0	0	0
98019	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98025	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.16%	0	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98050	1	0.16%	4	0	0	0	0	0	0	0	0	0	0	0	0
98051	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98070	1	0.16%	0	0	0	0	0	0	0	0	0	0	5	0	0
98072	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98112	1	0.16%	2	0	0	0	0	0	3	0	0	0	0	0	0
98118	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.16%	0	0	0	0	5	0	0	0	0	0	0	0	0
98155	1	0.16%	2	2	0	0	0	0	0	0	1	0	0	0	0
98177	1	0.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98257	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98264	1	0.16%	0	0	3	0	0	0	0	0	1	0	0	0	0
98270	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.16%	4	0	0	0	0	0	0	0	1	0	0	0	0
98272	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98275	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98296	1	0.16%	0	0	0	0	4	0	0	0	0	0	0	0	1
98311	1	0.16%	2	0	0	0	0	0	0	0	0	0	3	0	0
98359	1	0.16%	0	0	0	0	0	4	0	0	1	0	0	0	0
98360	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.16%	3	0	0	0	0	0	0	0	4	0	0	0	0
98465	1	0.16%	0	0	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.16%	0	0	0	4	0	0	0	0	2	0	0	0	0
98513	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98580	1	0.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98826	1	0.16%	3	0	0	0	0	0	0	0	2	0	0	0	0
98837	1	0.16%	2	0	0	0	0	0	0	0	3	0	0	0	0
98926	1	0.16%	2	0	0	0	0	0	0	0	3	0	0	0	0